

TEST MONITOR LCD SERIES (TM)



7" TFT-LCD MONITOR
(SECURITY)

Warning Statements

* Follow this safety instruction to use the monitor properly and prevent the damages.

* This safety instruction has "Warning" and "Caution" as below.

WARNING: If the user does not follow this instruction, it may cause the serious damage to the user.

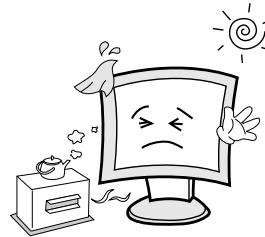
CAUTION: If the user does not follow this instruction, it may cause the slight damage to the user or cause some damages to the monitor.

* Keep this user's guide book for later use.

Never remove the back over and touch the inside of the monitor. If you need a service, please contact the service center.



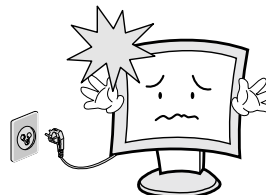
Keep away the monitor from the direct sunlight and a heating appliance.



Never push objects of any kind into this product as they may result in a risk of fire or electric shock.

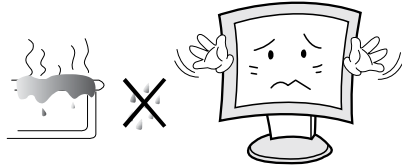


Connect the power code to the wall outlet tightly. If the power code or plug are defective and the wall outlet is not tight, please do not use them.

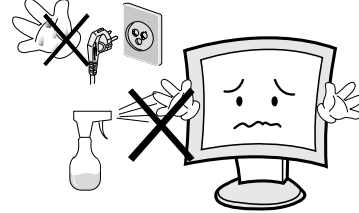


Warning Statements

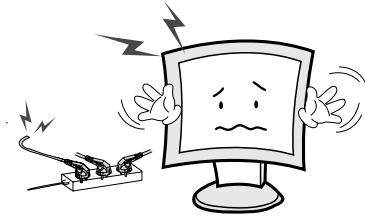
Do not install this monitor on the outside and near water. It may cause damage to the product, electric shock and fire.



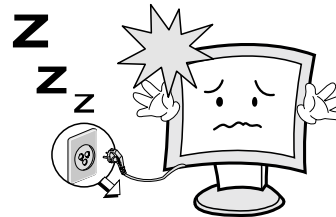
For cleaning do not use liquid cleaners. Never touch the power plug with wet hands.



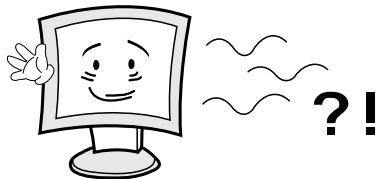
When lightning and thundering, unplug the monitor from the wall outlet and never touch it.



Unplug this product from the wall outlet, when it does not operate for a long time.



When smoking and noising from the monitor, unplug the product from the wall outlet and contact a service center.

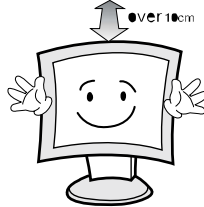


How to fix

1. Do not open this product as it contains high voltage inside.
2. It may create an electric shock.
3. If the user disassembles and remove the back cover, it does not make sure
4. To make up for the damages and do a service and exchange the monitor..

Cautions

Install this monitor some distance
From the wall and do not install unless
Proper ventilation is provided.



Place this product on a stable place.
If not, it may fall, causing serious
Damages to the monitor and people.



The openings must not be blocked by
curtain, rug or other similar surface.



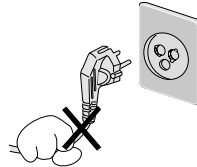
When carrying this monitor, be careful
not to damage the panel and drop it
It may cause some trouble.



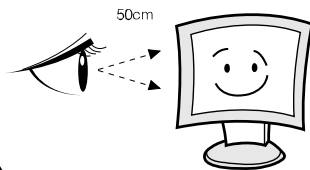
Before carrying the monitor, turn it off
and Unplug the signal cables and the
power cord From the wall outlet.



Take the power plug out from the wall
outlet. Do not pull the cable. It may
snap the inner wires and cause
overheating and fire.



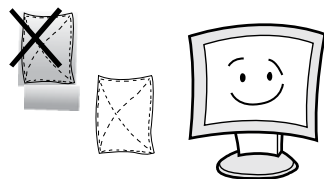
Install this monitor about 50cm far from
the eyes and an angle of 0~15 degrees
below eyes. Too close installation may
cause having weak sight.



Do not press the LCD panel with hands
or the sharpened material hardly.



For cleaning, unplug the monitor from
the Wall outlet. Do not use the liquid
cloth. Use the soft cloth.



Do not use the chemical liquid for
cleaning. It may cause fading and
breakage.

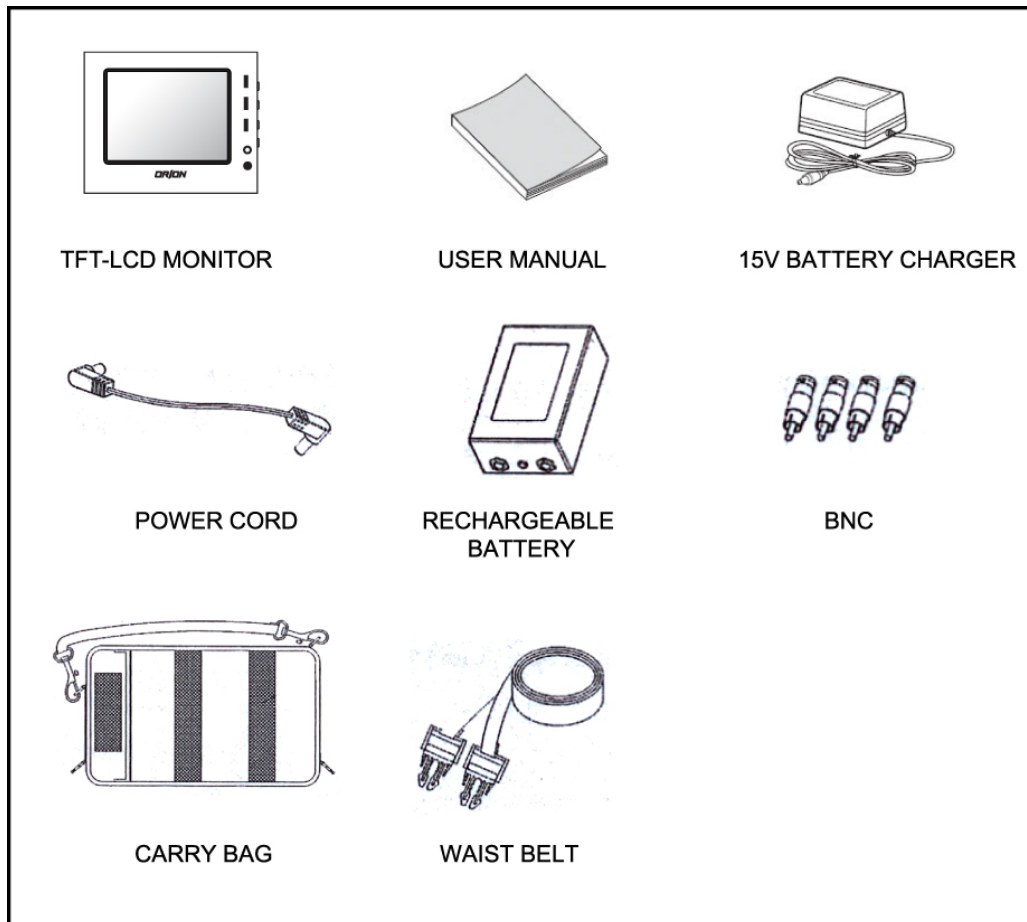


TABLE OF CONTENTS

1. INSTALLATION	6
1.1 Parts	6
2. FEATURES	7
2.1 Display Mode	7
3. OSD SETTING	8
3.1 Connections & Controls	8
3.2 OSD Menu Control	8
3.3 Controls	9
3.4 Battery	10
4. INFORMATION TO THE USER	11
5. TROUBLESHOOTING	12
6. LIMITED LIFETIME WARRANTY	13

INSTALLATION

1.1 Parts



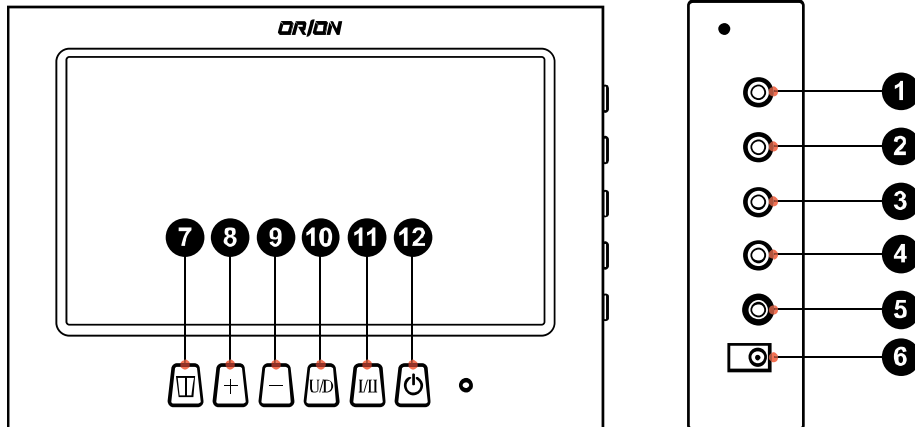
FEATURES

2.2 Specifications

VIDEO	
Screen Size	7"
Pixel Type	Active Matrix TFT
Max. Resolution	1440 x 234
Pixel Pitch	0.107 x 0.370mm
Brightness	500 cd/m ²
Contrast Ratio	300 : 1
Aspect Ratio	5:4
Viewing Angle (H/V)	120 / 70
Active Area	154.08(W) x 86.58(H) mm
Display Color	Full Color
Video System	NTSC / PAL
MECHANICAL	
Packing Dimension	
W x H x D	7.70" x3.35" x 1.42"
Weight	4lbs
Power Consumption	7W
Power Source	DC12V / 520mA

POWER OPERATING & CONNECTION

3.1 Connections and Controls



- | | |
|---------------------------|--|
| ① Video 1 Input | ⑦ OSD Menu |
| ② Video 2 Input | ⑧ “+” Increase (Default to Brightness) |
| ③ Video Output | ⑨ “-” Decrease (Default to Brightness) |
| ④ Audio Input (optional) | ⑩ Left-Right-Up-Down Reverse |
| ⑤ Audio Output (optional) | ⑪ Video Input Selector |
| ⑥ DV12V Power Input | ⑫ Main Power |
| | ⑬ LED Power Indicator |

3.2 OSD Menu Control

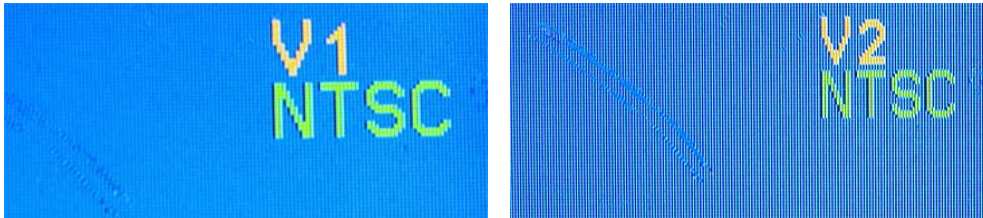


To control the **Brightness** of picture use “+”, or “-” to change to the desire picture quality.

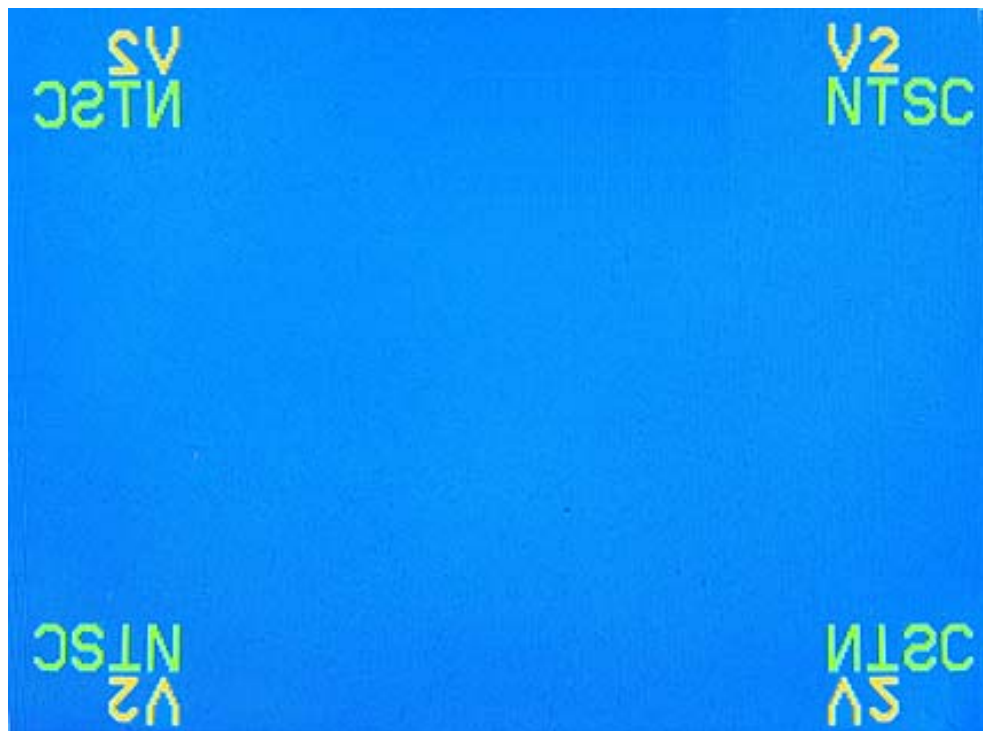
To control the **Contrast** of picture use “+”, or “-” to change to the desire picture quality.

To control the **Volume** of sound use “+”, or “-” to increase or decrease the sound of the volume.

3.3 Controls



To switch the video input use "I / II" to select NTSC Video 1 or Video 2.



To view the Rear Camera select "U/D" button to see the reverse image

3.4 Battery

Energy Saving Li-ion Rechargeable Battery



To charge the battery press **"On-Off"** switch to **"On"** position then charge the battery at least 10 hours to fully charged. To avoid unnecessary power loss make sure switch to **"Off"** position after use.

Please note indicator of **Green and Red LED light** is on/off during charging the battery. Please make sure **10 hours** lead time is recommended when charging the battery.

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING:

The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment."

TROUBLESHOOTING

* When the following troubles are occurred, follow the trouble shooting. Before contacting a service center.

Troubleshooting	Troubleshooting Tip
The screen doesn't show up	1. Make sure if the power supply is connected property
	2. Turn on the power.
	3. Select the input signal right for the connected port.
The screen is too light or to dark	Control the BRIGHTNESS
The screen size is not fit for the PC signal	Press the AUTO key among keys in the front. (It is used only in the PC signal)
The screen color shows strange in the PC signal	In the FUNCTION menu of OSD menu, perform the AUTO-ADJUST.

2Year Limited Warranty

All **Orion Images** products carry a limited warranty from ship date against defects in materials and workmanship. Orion Images is not liable for improper installation that results in damage to mounts, adapters, display equipment or personal injury.

Contact Orion Images

In the event of missing and/or damage equipment, or technical questions, the following information can help in the completion of the installation.

Address: 7300 Bolsa Avenue, Westminster, CA 92683

Tel: 714-766-6300 / **Fax:** 714-766-6310

Email: sales@orionimages.com

Website: <http://www.orionimages.com>